

Title (en)  
ADDITION SYSTEM FOR PARTICULATE MATERIAL

Title (de)  
ZUGABESYSTEM FÜR PARTIKEL

Title (fr)  
SYSTÈME D'AJOUT DE PARTICULES

Publication  
**EP 3256548 B1 20191002 (EN)**

Application  
**EP 16708000 A 20160203**

Priority  
• US 201562113805 P 20150209  
• US 2016016301 W 20160203

Abstract (en)  
[origin: US2016228837A1] An addition system for introducing particulate material into an industrial process is disclosed. The addition system comprises a vessel for holding the particulate material, a weighing device, piping, a controller, and a frame to support the piping. The piping comprises a first valve for transferring the particulate material to the industrial process, and a second valve for transferring a first stream of pressurized gas from a source of pressurized gas to the vessel. The vessel comprises a filling nozzle located on the top of the vessel.

IPC 8 full level  
**C10G 11/18** (2006.01); **B01J 8/00** (2006.01)

CPC (source: CN EP US)  
**B01J 8/0015** (2013.01 - CN); **B01J 8/003** (2013.01 - CN EP US); **B65G 65/23** (2013.01 - US); **B65G 65/32** (2013.01 - US); **B67C 11/04** (2013.01 - CN US); **C10G 11/18** (2013.01 - CN EP US); **C10G 11/187** (2013.01 - CN EP US); **G01F 11/003** (2013.01 - CN US); **G01G 17/04** (2013.01 - CN US); **B01J 2208/00539** (2013.01 - EP US); **B01J 2208/00619** (2013.01 - CN EP US); **B01J 2208/00752** (2013.01 - CN EP US)

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)  
**US 2016228837 A1 20160811**; **US 9776152 B2 20171003**; CN 107207971 A 20170926; CN 107207971 B 20200605; EP 3256548 A1 20171220; EP 3256548 B1 20191002; WO 2016130377 A1 20160818

DOCDB simple family (application)  
**US 201615014325 A 20160203**; CN 201680009366 A 20160203; EP 16708000 A 20160203; US 2016016301 W 20160203